

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave. St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/Ala Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-009181**Date Inspected:** 16-Sep-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 1900**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 700**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	N/A	CWI Present:	Yes	No
Inspected CWI report:	Yes	No	N/A	Rod Oven in Use: Yes No N/A
Electrode to specification:	Yes	No	N/A	Weld Procedures Followed: Yes No N/A
Qualified Welders:	Yes	No	N/A	Verified Joint Fit-up: Yes No N/A
Approved Drawings:	Yes	No	N/A	Approved WPS: Yes No N/A
				Delayed / Cancelled: Yes No N/A
Bridge No:	34-0006	Component:	Tower Components	

Summary of Items Observed:

On this date Caltrans OSM Quality Assurance (QA) Inspector George Goulet was present during the times noted above for observations relative to the work being performed.

Bay 11

This QA Inspector, George Goulet, proceeded to Bay 11 in response to ZPMC Inspection Notification # 4227 for MT inspection of the following:

This QA Inspector, George Goulet, performed random VT and then MT of approximately 15% of the area previously tested and accepted by ZPMC Quality Control personnel. This QA Inspector, George Goulet, generated an MT report for this date. The member is identified as segment WSD1-FASA4. The weld designations reviewed were 2A/E-23, 24, 25, 26, 27, 43; and 2C/E-13, 16, 17, 18.

This QA inspector also observed the rectangular holes in the doubler plates appear to be offset from 0.0mm to 23mm with the corresponding holes in the skin plate to which they are attached. The Caltrans-approved drawing shows a 10mm offset.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

This QA inspector verbally informed Caltrans OSM Quality Assurance day shift personnel of the observed offset of doubler plates noted above.

WELDING INSPECTION REPORT

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Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Serge Sinevod, 134-8257-0045, who represents the Office of Structural Materials for your project.

Inspected By:	Goulet, George
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Quality Assurance Inspector

Reviewed By:	Carreon, Albert
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QA Reviewer
